

LISTING OF THE CLAIMS:

Claim 1 (Previously Presented): A high-brightness phosphor screen, comprising:
a luminescent material for emitting light of a predetermined color, used for color image display;
the luminescent material comprises at least one blue light-emitting phosphor selected from the group consisting of (Zn,Cd)S:Ag, (Zn,Cd)S:Ag,Cl, (Zn,Cd)S:Ag,Cl,Al and (Zn,Cd)S:Ag,Cl,Mg, or a green light-emitting phosphor, (Zn,Cd)S:Cu,Al,Au; and
a ZnO:Zn phosphor capable of enhancing the brightness of the display,
wherein the mixing ratio of the luminescent material to the ZnO:Zn phosphor is varied according to a desired level of the brightness.

Claims 2-4 (Canceled)

Claim 5 (Original): The high-brightness phosphor screen of claim 1, wherein the amount of the ZnO:Zn phosphor added is 20% or less by weight based on the weight of the luminescent material.

Claim 6 (Currently Amended): A method for forming a high-brightness phosphor screen by mixing a luminescent material for emitting light of a predetermined color and a predetermined amount of a ZnO:Zn phosphor, the method comprising the steps of:

(a) preparing a phosphor mixture solution by dispersing the luminescent material and the ZnO:Zn phosphor in a solvent, wherein the luminescent material comprises at least one blue

light-emitting phosphor selected from the group consisting of (Zn,Cd)S:Ag, (Zn,Cd)S:Ag,Cl, (Zn,Cd)S:Ag,Cl,Al and (Zn,Cd)S:Ag,Cl,Mg, or a green light-emitting phosphor, (Zn,Cd)S:Cu,Al,Au;

- (b) forming a phosphor layer by depositing the phosphor mixture solution solvent on a substrate; and
- (c) evaporating the solvent from the deposited phosphor layer.

Claims 7-9 (Canceled)

Claim 10 (Original): The method of claim 6, wherein the amount of the ZnO:Zn phosphor added is 20% or less by weight based on the weight of the luminescent material.

Claim 11 (Original): The method of claim 6, wherein, in step (b), the phosphor layer is formed by depositing the phosphor mixture solution on the substrate with the application of electrophoresis, screening, photolithography or precipitation.

Claim 12 (New): A high-brightness phosphor screen formed by the method of claim 6.